Acer saccharum, 34, 73
Acorns, 88
Alcazar, Jorge, 5
Allometric equations, 171
Annual canker disease, 73
Aust, W. M., 53

Bailey, Scott W., 34
Baumgras, John E., 141
Bechtold, William A., 177
Bergdahl, Dale R., 73
Best management practices, 122
Betula papyrifera, 128
Biltmore stick, 28
Biomass, 128
Black cherry. See *Prunus serotina*
Black walnut. See *Juglans nigra*
Bottomland hardwoods, 171
Bove, James R., 73
Brenneman, Bruce B., 14
Buckley, David S., 88
Burger, J. A., 106

Calipers, 28
Canopy cover, 88
Centroid, 141
Clearcut, 14
Colbert, Kenneth C., 171
Collaboration, 155
Collaborative initiatives, 155
Competition, 137
Cornus florida, 101
Crown diameter measurement, 177
Crown diameter models, 177
Cut-to-length harvesting, 161

D'Amato, Anthony W., 137
David, Andrew, 168
Davis, Craig J., 59
Dbh measurement, 28
Delayed skidding, 115
Density management diagrams, 93
Diameter-limit harvesting, 80
Direct seeding, 88
Dornier, Michel, 183
D-tape, 28

Eastern white pine. See *Pinus strobus*
Edwards, Pamela J., 122
Emerging issues, 122
Epicormics, 149
Equation, 128
Estimation error, 128
European larch. See *Larix decidua*

Fajvan, Mary Ann, 80
Flowering dogwood. See *Cornus florida*
Forest management, 59
Forest site quality, 106
Fraxinus americana, 101

Geographic Information System (GIS), 73
Germination, 168
Gingrich diagram, 93
Grell, Adrian G., 161

Hallett, Richard A., 34
Hardwood, 101
Harvest planning, 115
Height-diameter equations, 171
Heitzman, Eric, 161
Herbaceous weed control, 14
Herrington, Lee P., 59
Hood, S. M., 53
Horsley, Stephen B., 34

Importance sampling, 141
Incidence, 73
Individual-tree selection, 25

Juglans nigra, 101

Kimmins, J. P., 128
Knipling, Karl E., 80

Larix decidua, 168
Larsen, David R., 93, 171
Leak, William B., 25
Liriodendron tulipfera, 101
Logging damage, 80
Logging wounds, 161
Long, Robert P., 34
Lootens, James S., 171

Maine, 22
Malus baccata, 101, 128
McGill, David W., 14
Mechanical site preparation, 5
Mechanized harvest, 161
Midwest riparian forests, 171
Mielke, Manfred E., 177
Mitchell, Stephen J., 183
Moran, Leigh Ann, 28
Myrica pensylvanica, 101

Natural hardwood regeneration, 14
Natural resource partnerships, 155
Neighborhood size, 137
New England, 149

Acer saccharum, 34, 73
Acorns, 88
Alcazar, Jorge, 5
Allometric equations, 171
Annual canker disease, 73
Aust, W. M., 53

Bailey, Scott W., 34
Baumgras, John E., 141
Bechtold, William A., 177
Bergdahl, Dale R., 73
Best management practices, 122
Betula papyrifera, 128
Biltmore stick, 28
Biomass, 128
Black cherry. See *Prunus serotina*
Black walnut. See *Juglans nigra*
Bottomland hardwoods, 171
Bove, James R., 73
Brenneman, Bruce B., 14
Buckley, David S., 88
Burger, J. A., 106

Calipers, 28
Canopy cover, 88
Centroid, 141
Clearcut, 14
Colbert, Kenneth C., 171
Collaboration, 155
Collaborative initiatives, 155
Competition, 137
Cornus florida, 101
Crown diameter measurement, 177
Crown diameter models, 177
Cut-to-length harvesting, 161

D'Amato, Anthony W., 137
David, Andrew, 168
Davis, Craig J., 59
Dbh measurement, 28
Delayed skidding, 115
Density management diagrams, 93
Diameter-limit harvesting, 80
Direct seeding, 88
Dornier, Michel, 183
D-tape, 28

Eastern white pine. See *Pinus strobus*
Edwards, Pamela J., 122
Emerging issues, 122
Epicormics, 149
Equation, 128
Estimation error, 128
European larch. See *Larix decidua*

Fajvan, Mary Ann, 80
Flowering dogwood. See *Cornus florida*
Forest management, 59
Forest site quality, 106
Fraxinus americana, 101

Geographic Information System (GIS), 73
Germination, 168
Gingrich diagram, 93
Grell, Adrian G., 161

Hallett, Richard A., 34
Hardwood, 101
Harvest planning, 115
Height-diameter equations, 171
Heitzman, Eric, 161
Herbaceous weed control, 14
Herrington, Lee P., 59
Hood, S. M., 53
Horsley, Stephen B., 34

Importance sampling, 141
Incidence, 73
Individual-tree selection, 25

Juglans nigra, 101

Kimmins, J. P., 128
Knipling, Karl E., 80

Larix decidua, 168
Larsen, David R., 93, 171
Leak, William B., 25
Liriodendron tulipfera, 101
Logging damage, 80
Logging wounds, 161
Long, Robert P., 34
Lootens, James S., 171

Maine, 22
Malus baccata, 101, 128
McGill, David W., 14
Mechanical site preparation, 5
Mechanized harvest, 161
Midwest riparian forests, 171
Mielke, Manfred E., 177
Mitchell, Stephen J., 183
Moran, Leigh Ann, 28
Myrica pensylvanica, 101

Natural hardwood regeneration, 14
Natural resource partnerships, 155
Neighborhood size, 137
New England, 149

Nonpoint source pollution, 122
Northern bayberry. See *Myrica pensylvanica*
Northern hardwoods, 25
Northern red oak. See *Quercus rubra*
Nutrition, 34

Oderwald, R. G., 106
Overstory cover, 137

Paper birch. See *Betula papyrifera*
Physical soil properties, 5
Pijut, Paula M., 68
Pinus strobus, 68, 101, 137
Pollen cone, 68
Private forestlands, 59
Property taxes, 59
Prunus serotina, 101
Puettmann, Klaus J., 137

Quercus alba, 101
Q. rubra, 88, 101, 149, 161

Reclamation, 106
Red oak. See *Quercus rubra*
Reforestation, 106
Regeneration, 137
Regulatory controls, 122
Reineke diagram, 93
Roczen, Dean E., 59
Rodents, 88
Rodrigue, J. A., 106
Rothwell, Richard L., 5
Ruel, Jean-Claude, 183

Schuett, Michael A., 155
Seed cone, 68
Seed predation, 88
Seeds, 168
Seifert, John R., 101
Selin, Steve, 155
Sendak, Paul E., 22, 25, 73
Sharik, Terry L., 88
Shelterwood, 80
Siberian crabapple. See *Malus baccata*
Silvicultural system, 53
Smith, D. W., 53
Soil distribution, 5
Soil erosion, 5, 53
Soil frost, 115
Spangler, Michael L, 141
Spruce-fir, 22
Stakeholder motivation, 155
Stocking diagrams, 93
Stone, Douglas M., 115
Storage, 168
Stress effects, 34
Stuart, Gordon W., 122
Sugar maple. See *Acer saccharum*
Sustainable management, 115

Taper equations, 141
Tift, Brian D., 80
Timber harvesting, 22, 53
Timber marking, 22
Timber value, 106
Tobi, Donald R., 73
Topex, 183
Topography, 183
Tree crown diameter, 177
Tree crown width, 177
Tree grade, 25
Trembling aspen. See *Populus tremuloidus*
Tritton, Louise M., 73

Universal Soil Loss Equation (USLE), 53
USDA Forest Service, 155

Vegetation structure, 88
Viability, 168
Volume growth, 149

Wagner, John E., 59
Wang, J. R., 128
Ward, Jeffrey S., 149
Wargo, Philip M., 34
Weed control, 101
White ash. See *Fraxinus americana*
White oak. See *Quercus alba*
Wiant, Harry V., Jr., 141
Williams, Roger A., 28
Wind exposure, 183
Windthrow, 183
Woeste, Keith, 101
Woodard, Paul M., 5

Yellow-poplar. See *Liriodendron tulipfera*

Zarnoch, Stanley J., 177
Zedaker, S. M., 53
Zhong, A. L., 128
Zoning, 59